

FIG. 1

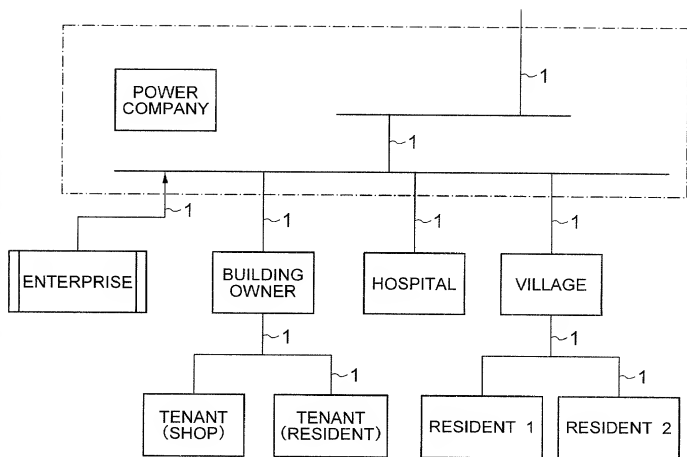
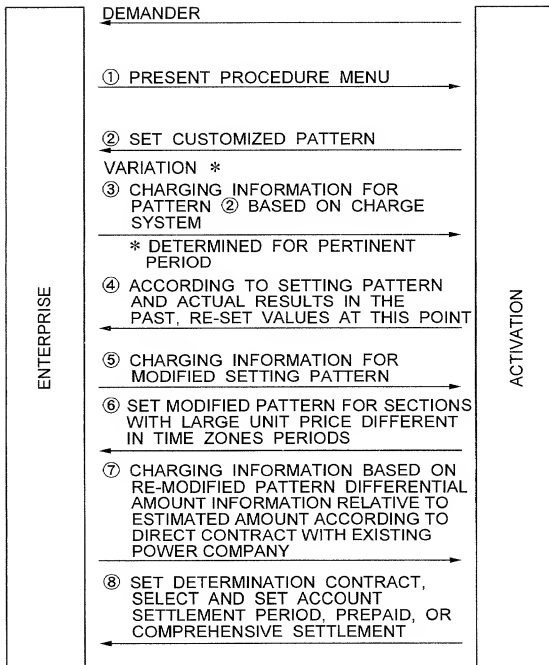
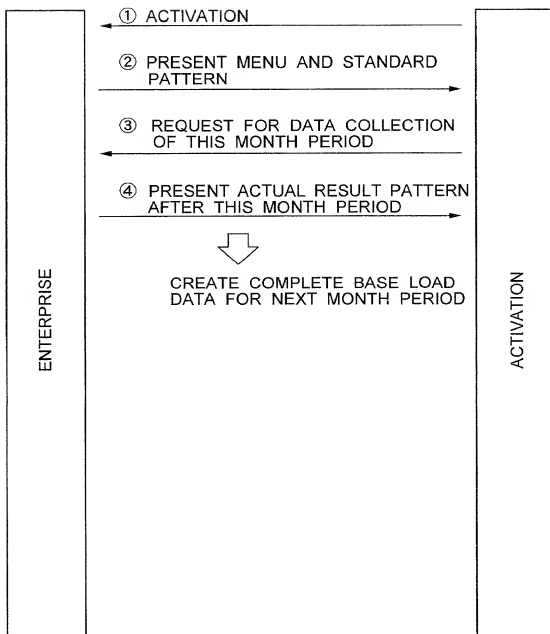


FIG. 2



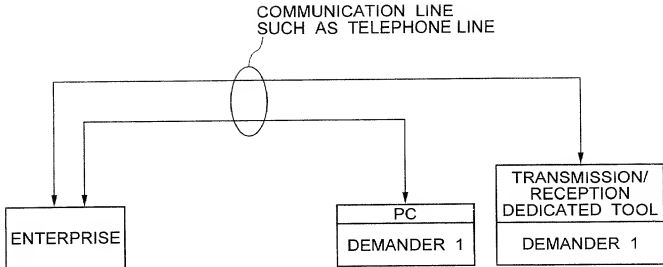
POWER USAGE PLAN CONTRACT FLOW

FIG. 3



DATA SETTING AND CREATION OF REFERENCE ACTUAL
RESULT VALUES AT SYSTEM INSTALLATION

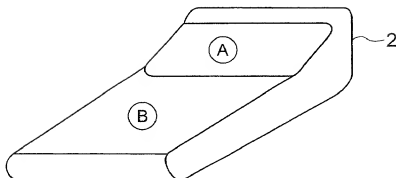
FIG. 4



PC : USE INTERNET HOME PAGES AS BIDIRECTIONAL INFORMATION TRANSMITTING FUNCTION BETWEEN ENTERPRISE AND DEMANDER BY PERSONAL COMPUTER PC OR THE LIKE

TRANSMISSION/RECEPTION DEDICATED TOOL TO SET POWER LOAD - CHARGE PATTERN : POSSESSED BY POWER LOAD DEMANDER NOT POSSESSING PC OR IN ENVIRONMENT IN WHICH PC CANNOT BE USED

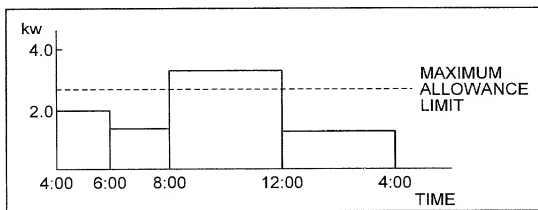
FIG. 5A



(A) : DISPLAY

(B) : SETTING SECTION

EXAMPLE (A)



EXAMPLE (B)

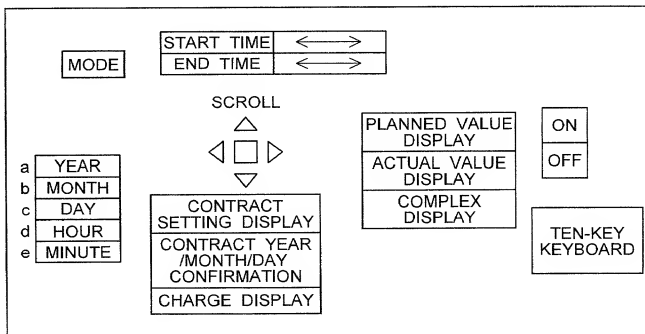


FIG. 5B

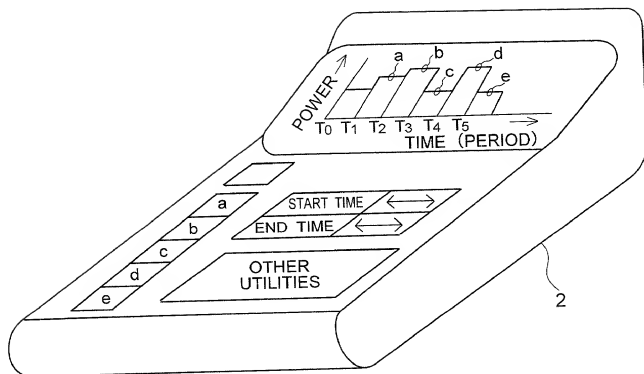
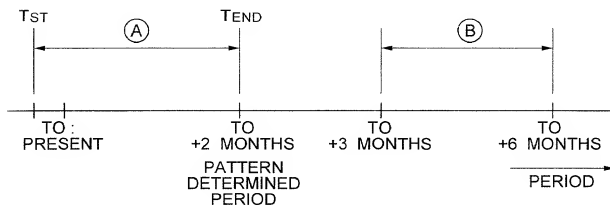


FIG. 6

[DETERMINED FIXED LOAD PATTERN]

PERIOD A : SET IN THIS PERIOD T_{ST} TO T_{END} , DEMAND
CONSUMPTION LOAD PATTERN IN FUTURE

PERIOD B : TARGET PERIOD TO SET POWER CONSUMPTION
LOAD PATTERN



AFTER T_{END} , SETTING IS POSSIBLE TO LATEST
LIMIT GRANTED BY SUPPLIER ENTERPRISE;
EXTRA CHARGE MAY BE USED; SETTING OF
FREE ELONGATION OF PERIOD IS POSSIBLE

FIG. 7

[LOAD PATTERN EXAMPLE FOR SPOT SUPPLY]

FOR FIXED PERIOD OF TIME IN FUTURE E.G., WHEN DEMAND OF DEMANDER SELECTED FIXED PATTERN #1 CANNOT BE EXPECTED IN WHICH THE SUPPLY CAPACITY OF POWER GENERATING FACILITIES MANAGED OR POSSESSED BY ENTERPRISE HAS MARGINAL CAPACITY INCLUDING THE SELLING OF POWER SUPPLIED FROM ANOTHER ENTERPRISE, SETTING PERIOD TIME AND UNIT PRICE ARE IMPARTIALLY PRESENTED TO DEMANDERS TO MAKES IT POSSIBLE TO SIGN SPOT CONTRACT

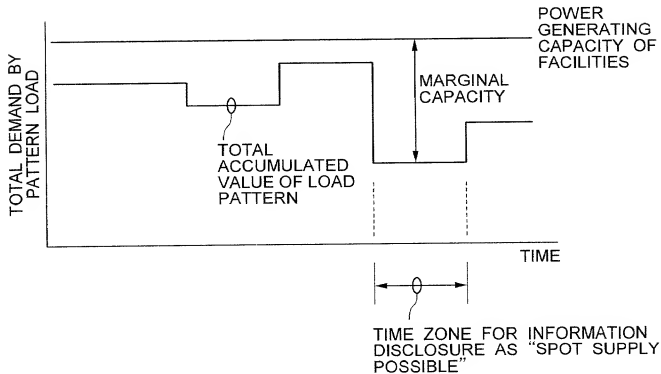


FIG. 8

[(DETERMINED + SPOT) COMBINATION PATTERN]

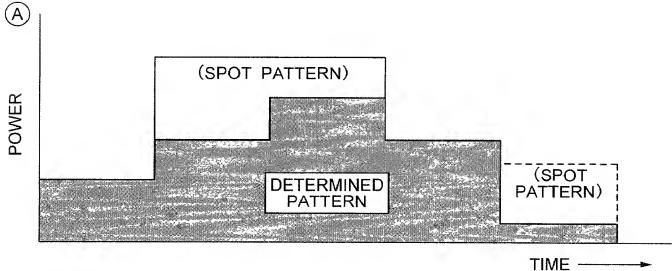


FIG. 9

[INDIVIDUAL CONTRACT UNNECESSARY PATTERN]

CONTRACT FORM FOR DEMANDER WHO DOES CONDUCT LOAD PATTERN CONTRACT IN ADVANCE, COVERING CASE IN WHICH DEMANDER CANNOT CONDUCT PATTERN SETTING BECAUSE DEMANDER IS BUSY OR IS ABSENT FROM THE PERTINENT LOCATION ALTHOUGH DEMANDER IS WILLING TO SIGN THE CONTRACT



IN THIS CASE, THE UPPER LIMIT CORRESPONDING TO RELATIONSHIP BETWEEN EXISTING POWER COMPANY AND EACH DEMANDER OF THE CAPACITY OF POWER DISTRIBUTION FACILITIES OF DEMANDER IS AUTOMATICALLY SELECTED; OR, BY USING, AS ASSUMPTION, ACTUAL LOAD PATTERN OF ASSOCIATED PERIOD OF LAST YEAR, MOST ECONOMIC CHARGE IS SET, AND DEMANDER AUTHENTICATING ACTION IS REQUIRED IN THIS CASE.

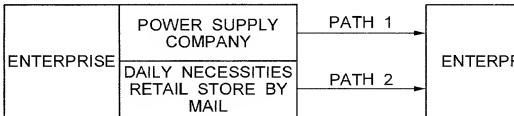
THE UNIVERSITY OF CHICAGO

DEMANDER SETS OWN DEMAND PATTERN. DEMANDER
RECOGNIZES CHARGING VALUE CALCULATED ASSUMING
ACTUAL CONSUMPTION ACCORDING TO PATTERN AND
SEND SETTING PATTERN CONTENTS TO ENTERPRISE

The graph shows four stacked curves over a horizontal axis labeled 'TIME'. From top to bottom, the curves are labeled: 'MARGIN', 'SPOT DEMAND', 'ACCUMULATION TOTAL PRESENT', and 'ACCUMULATION TOTAL BEFORE (ONE MONTH)'. The 'MARGIN' curve is a step function that increases over time. The 'SPOT DEMAND' curve is a smooth, wavy line that also increases over time. The 'ACCUMULATION TOTAL PRESENT' curve is a smooth, wavy line that increases over time. The 'ACCUMULATION TOTAL BEFORE (ONE MONTH)' curve is a smooth, wavy line that increases over time. A vertical double-headed arrow on the right side of the graph spans the height of the 'MARGIN' curve and is labeled 'TOTAL POWER GENERATING CAPACITY'.

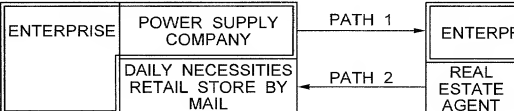
BOOKS

[CHARGE SETTLEMENT METHOD]

1. PREPAID
 USE OF POWER LOAD ACCORDING TO LOAD PATTERN IS EXPECTED AND HENCE ESTIMATED CHARGE VALUE FOR PREDETERMINED PERIOD E.G., ONE YEAR FROM THIS POINT CAN BE CALCULATED
 THEREFORE, ENTERPRISE BEFOREHAND RECEIVES AMOUNT AND SETTLES AFTER POWER CONSUMPTION RESULTS ARE OBTAINED (REDUCTION FOR INTEREST OF PREPAID AMOUNT IS POSSIBLE)
2. PIECEWORK
 (SYSTEM AMOUNT IS PAID AT PREDETERMINED TIME ACCORDING TO POWER CONSUMPTION RESULTS)
 ACCORDING TO CUSTOM
3. COMPREHENSIVE (COMBINATION) SETTLEMENT
 THERE CAN BE ASSUMED A CASE IN WHICH POWER ENTERPRISE OF DISPERSED POWER SOURCES HAS BUSINESS IN ANOTHER FIELD, NAMELY, A CASE IN WHICH RELATIONSHIP BETWEEN ENTERPRISE AND DEMANDER INCLUDES RELATION OF POWER SUPPLY AND POWER DEMAND AND RELATION THEREBETWEEN IN ANOTHER BUSINESS MODE
 (ex. 1)


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graph LR
    A[ENTERPRISE] --- B[POWER SUPPLY COMPANY  
DAILY NECESSITIES  
RETAIL STORE BY  
MAIL]
    B -- PATH 1 --> C[ENTERPRISE]
    B -- PATH 2 --> C
      
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 (ex. 2)


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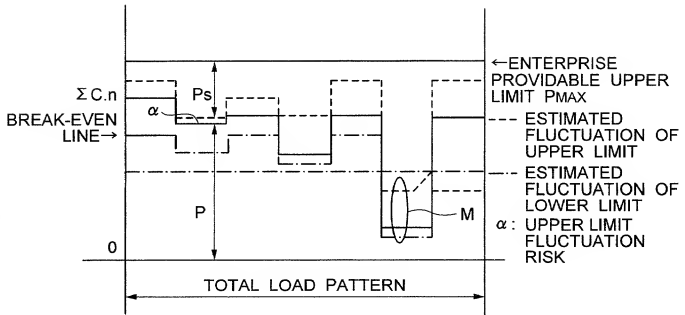
graph LR
    A[ENTERPRISE] --- B[POWER SUPPLY COMPANY  
DAILY NECESSITIES  
RETAIL STORE BY  
MAIL]
    B -- PATH 1 --> C[ENTERPRISE  
REAL ESTATE  
AGENT]
    C -- PATH 2 --> B
      
```

2025

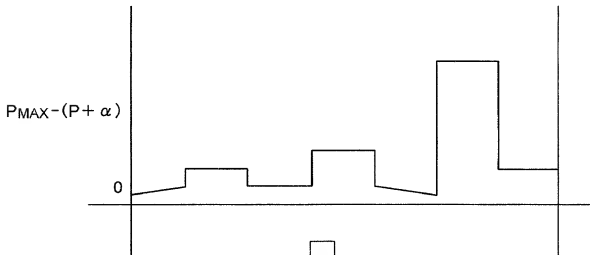
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FIG. 13



$$P_{MAX} - (P + \alpha) = P_s : \text{STOP POWER PROVIDABLE CAPACITY}$$



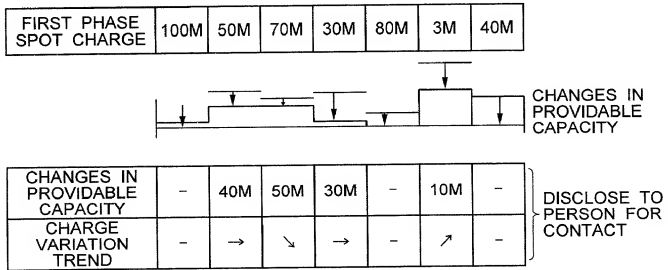
SETTING OF
SPOT UNIT PRICE

100M	50M	70M	30M	80M	3M	40M
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UNIT M (¥/kW)

FIRST PHASE SPOT CHARGE
SETTING

FIG. 14



SPOT CHARGE UPDATE

FIG. 15

